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<http://www.cas.org/support/stngen/stndoc/properties.html>

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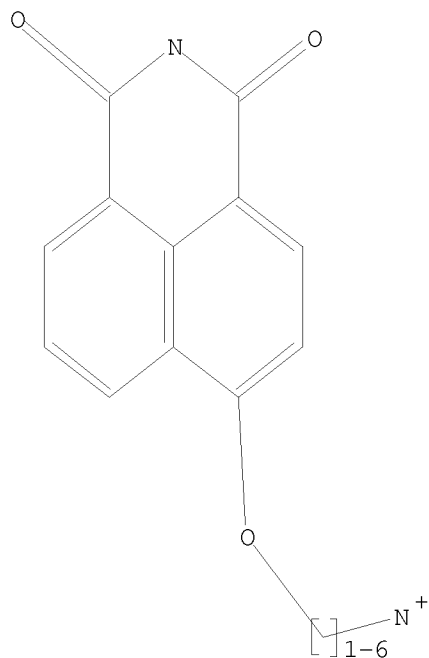
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 17:41:28 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

10658648

BATCH      \*\*COMPLETE\*\*  
PROJECTED ITERATIONS:      93 TO      587  
PROJECTED ANSWERS:      0 TO      0

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100.0% PROCESSED      183 ITERATIONS      2 ANSWERS  
SEARCH TIME: 00.00.01

L3      2 SEA SSS FUL L1

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ENTRY      SESSION  
FULL ESTIMATED COST      191.54      191.76

FILE 'CAPLUS' ENTERED AT 17:41:35 ON 07 JUN 2010  
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FILE COVERS 1907 - 7 Jun 2010 VOL 152 ISS 24  
FILE LAST UPDATED: 6 Jun 2010 (20100606/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3  
L4      3 L3

=> d abs fbib hitstr 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN  
 AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems.  
 AN 2004:569555 CAPLUS  
 DN 141:76328  
 TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems  
 IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick G.; Reddinger, Jerry L.  
 PA Nalco Company, USA  
 SO U.S. Pat. Appl. Publ., 17 pp., Cont.-in-part of U.S. 6,645,428.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20040135125	A1	20040715	US 2003-658715	20030909
	US 7148351	B2	20061212		
	US 6645428	B1	20031111	US 2000-560881	A2 20000427
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	US 20060254985	A1	20061116	US 2006-489166	20060719
	US 7601789	B2	20091013		
				US 2003-658715	A3 20030909

## PATENT FAMILY INFORMATION:

FAN 2001:798496

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PI	WO 2001081654	A1	20011101	WO 2001-US13567	20010425
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 371239-15-5P  
 RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)

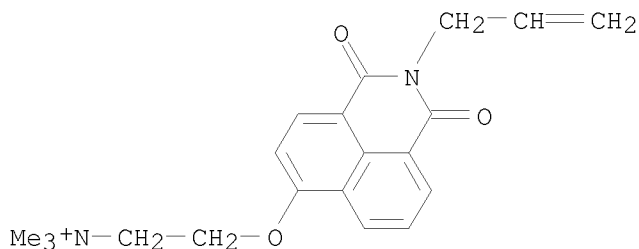
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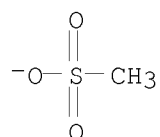
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CM 2

CRN 16053-58-0

CMF C H3 O3 S



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN  
AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems.  
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DN 141:76327  
TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems  
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PA USA  
SO U.S. Pat. Appl. Publ., 16 pp., Cont.-in-part of U.S. 6,645,428.  
CODEN: USXXCO  
DT Patent  
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20040135124	A1	20040715	US 2003-658648	20030909
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## PATENT FAMILY INFORMATION:

FAN 2001:798496

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	YU, ZA, ZW				
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 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

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FAN 2004:569555					
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ZA 2002007690	A	20030925	ZA 2002-7690		20020925
			US 2000-560881	A	20000427
US 20060254985	A1	20061116	US 2006-489166		20060719
US 7601789	B2	20091013			
			US 2003-658715	A3	20030909

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 141:76327

IT 371239-15-5P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

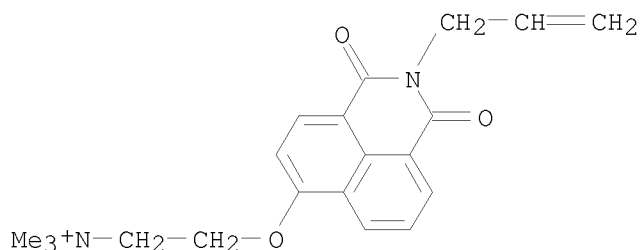
(fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)

RN 371239-15-5 CAPLUS

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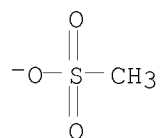
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CRN 371239-14-4  
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CM 2

CRN 16053-58-0  
 CMF C H3 O3 S



OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN  
 AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems. In many industrial water systems that employ polymers as water treatment agents it may be desirable to tag or mark such polymers to facilitate monitoring thereof.  
 AN 2001:798496 CAPLUS  
 DN 135:348686  
 TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems  
 IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick Gerard; Reddinger, Jerry L.  
 PA Ondeo Nalco Company, USA  
 SO PCT Int. Appl., 93 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 3  
 PATENT NO. KIND DATE APPLICATION NO. DATE

10658648

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US 7601789	B2	20091013		
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OS MARPAT 135:348686

IT 371239-15-5P

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(fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)

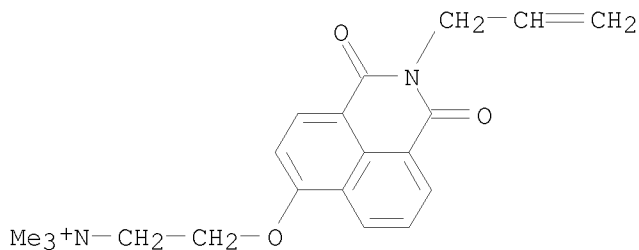
RN 371239-15-5 CAPLUS

CN Ethanaminium, 2-[[2,3-dihydro-1,3-dioxo-2-(2-propen-1-yl)-1H-benz[de]isoquinolin-6-yl]oxy]-N,N,N-trimethyl-, methanesulfonate (1:1) (CA INDEX NAME)

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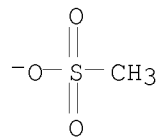
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CM 2

CRN 16053-58-0

CMF C H3 O3 S



OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)